

NRC Earth Science Decadal Survey



- First-ever comprehensive survey of all Earth sciences that could benefit from spaceborne observations
 - The study was requested and supported by NASA, NOAA, USGS
 - Initiated 2004, preliminary report 2005, final report released 15 January 2007
- The Decadal Survey provides scientific priorities indirectly through a time sequencing of recommended missions
- NASA is developing a mission roadmap for the next decade which will address:
 - General scientific and societal impact guidance from the Decadal Survey
 - Potential mitigation for removal of the climate sensor suites from NPOESS
 - NRC panel has been tasked to advise on NPOESS/Climate issues, report due mid-July, 2008
 - NASA assessment of technical challenges and mission costs
 - International collaborations
 - Agency-wide and national budget priorities
 - Draft NASA roadmap to be completed in Fall, 2007
 - NAC and NRC review
 - Serves as update to the Earth Science portion of the SMD Science Plan
- FY08 Budget Request funds NASA precursor missions identified in Survey
 - Global Precipitation Measurement mission
 - Landsat Data Continuity Mission
 - NPOESS Preparatory Program